ABSTRACT

A method and system for providing XML-based web pages for non-PC information terminals are disclosed. The system comprises an HTML-XML reconstruction for transforming an HTML document transmitted from the web server to generate XML and XSL documents in a pattern of data adapted to the web client of the non-PC information terminal, an image reformat for reformatting an image in the web page in a pattern of data adapted to the web client of the non-PC information terminal corresponding to the XML and XSL documents generated by the HTML-XML reconstruction, a pre-fetch for pre-fetching the web page received from the web server according to a probability condition based on a reference history of the web client, a store for storing the pre-fetched web page, and the XML and XSL documents, and an HTTP for connecting to the web client of the non-PC information terminal and the web server by use of an HTTP protocol to transfer the web page transmitted from the web server to the HTML-XML reconstruction, and providing the information stored in the store to the web client of the non-PC information terminal.